

1966

Committee on Curricular Affairs, 30th report, Part II 1, 1 & 2, dealing with curriculum and courses for a two-year associate degree program in commercial fisheries, and subject to the approval by the Board of Trustees of the two-year program

University of Rhode Island Faculty Senate

Follow this and additional works at: [http://digitalcommons.uri.edu/facsen\\_bills](http://digitalcommons.uri.edu/facsen_bills)

---

### Recommended Citation

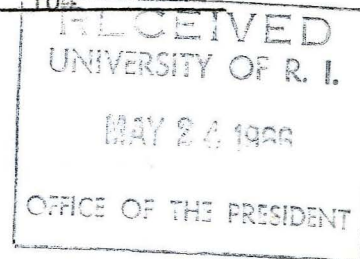
University of Rhode Island Faculty Senate, "Committee on Curricular Affairs, 30th report, Part II 1, 1 & 2, dealing with curriculum and courses for a two-year associate degree program in commercial fisheries, and subject to the approval by the Board of Trustees of the two-year program" (1966). *Faculty Senate Bills*. Paper 125.

[http://digitalcommons.uri.edu/facsen\\_bills/125](http://digitalcommons.uri.edu/facsen_bills/125)

This Article is brought to you for free and open access by the Faculty Senate at DigitalCommons@URI. It has been accepted for inclusion in Faculty Senate Bills by an authorized administrator of DigitalCommons@URI. For more information, please contact [digitalcommons@etal.uri.edu](mailto:digitalcommons@etal.uri.edu).

## UNIVERSITY OF RHODE ISLAND

## FACULTY SENATE

BILLAdopted by the Faculty Senate

TO: President Francis H. Horn

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Committee on Curricular Affairs, 30th report,  
Part II A, 1 & 2, dealing with curriculum and courses for a two-year  
associate degree program in commercial fisheries, and subject to the  
approval by the Board of Trustees of the two-year program,  
is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on May 19, 1966  
(date).
4. After considering this bill, will you please indicate your approval or  
disapproval. Return the original or forward it to the Board of Trustees,  
completing the appropriate endorsement below.
5. In accordance with Section 8, paragraph 2 of the Senate's By-Laws, this  
bill will become effective on June 9, 1966 (date), three weeks  
after Senate approval, unless: (1) specific dates for implementation are  
written into the bill; (2) you return it disapproved; (3) you forward  
it to the Board of Trustees for their approval; or (4) the University  
Faculty petitions for a referendum. If the bill is forwarded to the  
Board of Trustees, it will not become effective until approved by the Board.

May 23, 1966  
(date)

Elizabeth W. Grandall /s/  
Chairman of the Faculty Senate

-----  
ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.
2. Approved \_\_\_\_\_. Disapproved \_\_\_\_\_.
3. (If approved) In my opinion, transmittal to the Board of Trustees is  
not necessary.

\_\_\_\_\_  
(date)

\_\_\_\_\_/s/  
President

ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Trustees.

FROM: The University President

1. Forwarded.

2. Approved.

May 25, 1966  
(date)

Francis H. Horn /s/  
President

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Trustees, via the University President.

1. Forwarded.

6/1/66 - app'd by B/T - see minutes /s/  
(date)

(Office)

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Trustees.

\_\_\_\_\_  
(date)

\_\_\_\_\_  
President /s/

Original received and forwarded to the Secretary of the Senate and Registrar  
for filing in the Archives of the University.

\_\_\_\_\_  
(date)

\_\_\_\_\_  
Chairman of the Faculty Senate /s/

## II. MATTERS REQUIRING CONFIRMATION OF THE FACULTY SENATE

### A. From the College of Agriculture

#### 1. Add new curriculum in Commercial Fisheries, as follows:

#### COMMERCIAL FISHERIES

##### First Year

#### 1st Semester Credits

English 1	Composition	3
F & R Econ 5	Economics of Food Production	3
Math 9	Algebra and Trigonometry	3
Ph Ed 60M	First Aid	1
Fish 1	Seamanship	3
Fish 2	Fishing Gear I	5
		<u>18</u>

#### 2nd Semester

Acc 5	Accounting Principles	3
Phys	General Physics	5
Fish 5	Marine Engineering I	4
Fish 7	Navigation I	4
Fish 9	Biology and Conservation	3
		<u>19</u>

##### Second Year

#### 1st Semester

Fish 3	Fishing Gear II	3
Fish 6	Marine Engineering II	4
Fish 10	Vessel Construction & Appraisal	3
Fish 8	Navigation II	3
Mg	Business Management	3
Fish 11	Fishery Technology	3
		<u>19</u>

#### 2nd Semester

Sp 1	Fundamentals of Speech	3
Mg 103	Personnel & Industrial Relations	3
F & R Econ 40	Marketing of Food Products	3
Fish 4	Fishing Gear III	4
Fish 12	Fishery Hydrography	4
Fish 20	Fisheries Problems	1
		<u>18</u>

(Plus 8 weeks on-the-job training between 1st and 2nd school year)

#### 2. Add new courses in Fisheries, as follows:

##### I Seamanship

Semester I, 3 credits

A basic course in shipboard orientation and nautical terminology. Arrangement and use of deck equipment on various kinds of fishing vessels, handling of vessels both in congested areas, during fishing and in heavy weather. Rescue assistance and anchoring. (Lec. 2, Lab. 3) Staff



## 2 Fishing Gear I

Semester I, 5 credits

Introduction to fishing equipment, terminology, and techniques. Materials used in fishing gear, netting, net repair and overhaul, net design and cutting. (Lec. 3, Lab. 6) Staff

## 3 Fishing Gear II

Semester I, 3 credits

Detailed study of the bottom and mid-water trawls. (Lec. 2, Lab. 3) Staff

## 4 Fishing Gear III

Semester II, 4 credits

Study of seines, dredges, traps, pots, gill nets and gear used in long lining. Their method of use and maintenance. (Lec. 3, Lab. 3) Staff

## 5 Marine Engineering I

Semester II, 4 credits

A basic course in I.C. engine theory to gasoline and diesel engines used in marine work. Topics to be covered include two and four stroke cycle engines, fuel injection systems, fresh and salt water cooling systems, fuel and lubrication systems, basic engine parts, such as valves justons, etc., and trouble shooting the above systems. (Lec. 3, Lab. 3) Staff

## 6 Marine Engineering II

Semester I, 4 credits

A basic course in the auxiliary equipment found aboard fishing vessels, such as auxiliary generators and electrical equipment, fire and bilge pumps, fresh water and plumbing systems, heating and refrigeration equipment, fuel tanks and refueling, CO2 systems, power take-off equipment and steering systems. (Lec. 3, Lab. 3) Staff

## 7 Navigation I

Semester II, 4 credits

Basic piloting, instruments used for piloting, charts and publications, rules of the road, tides, ocean currents, waves, sound in the sea, compass error, dead reckoning, weather observations, forecasts, tropical cyclones. (Lec. 3, Lab. 3) Staff

## 8 Navigation II

Semester I, 3 credits

A continuation of Navigation I, to include electronic and celestial navigation, use of electronic instrumentation such as radar, RDF, sonar, and loran, lines of position, the Almanac, time, direction and distance, hyperbolic systems. Mercator and great circle sailings. (Lec. 2, Lab. 3) Staff

## 9 Biology and Conservation

Semester II, 3 credits

Course description: An introduction to classification, morphology and anatomy of important fishes and invertebrates. Emphasis on taxonomy, natural history, and management of Western North Atlantic forms. The applied aspects of fisheries science will be introduced. (Lec. 2, Lab. 2) Staff

*Titles  
to be  
recon-  
sidered  
by  
CCA*

(continued)

page 4

10 Vessel Construction and Appraisal

Semester I, 3 credits

Theory of vessel design and construction. Materials used, layout, installation of equipment, rigging of vessels. Legal requirement, shipyard organization and management, vessel appraisal. (Lec. 3) Staff

11 Fishery Technology

Semester I, 3 credits

Preservation and processing methods at sea and ashore. Introduction to microbiology and the effect of bacteria on spoilage of fish. Elementary hygiene (sanitation), Production and utilization of by-products. (Lec. 2, Lab. 3) Staff

12 Fisheries Hydrography

Semester II, 4 credits

Basic consideration of major hydrographic conditions as related to fishing and fish behavior. Principles and practice of fish finding utilizing hydrographic data and fish finding equipment. Reading and interpretation of scopes and recorders. Exploratory fishing - methods. (Lec. 3, Lab. 3) Staff

20 Fisheries Problems

Semester II, 1 credit

Investigation of current important problems in the fisheries field. Legislation affecting the fishing fleet and the fish processing industries. (Lec. 1)

Note: Courses in Physics and in Management, described in the proposed Commercial Fisheries Curriculum, must originate in the College of Arts and Sciences and in the College of Business Administration, respectively, and come to the CCA through those agencies.

9. EASEMENT AGREEMENT FOR NARRAGANSETT BAY CAMPUS (CONTINUED)

VOTED: other laboratory wastes, together with a  
(Con't) temporary easement for the construction,  
installation, maintenance, operation and  
removal of a 1000 gallon septic tank and  
related tile fields as shown on the sketch  
of the area. This easement would be subject  
to the approval of the State Properties  
Committee and the Attorney General.

10. TWO-YEAR CURRICULUM IN COMMERCIAL FISHERIES

In accordance with the recommendation of President Horn  
and upon motion duly made and seconded, it was

VOTED: That the Board of Trustees authorizes the  
initiation, in accordance with the terms  
of the Federal grant for this purpose, of  
a two-year program in commercial fisheries  
as approved by the Faculty Senate, the  
completion of said program to be recognized  
by the award of the Associate in Science  
Degree.

11. NAMING OF HOUSING COMPLEX

The President reported that the University Housing Com-  
mittee has recommended that the new housing complex be named  
the Roger Williams Housing Complex.

In accordance with the recommendation of President Horn  
and upon motion duly made and seconded, it was

VOTED: That the Board of Trustees approves naming  
the new housing complex at the University  
of Rhode Island the ROGER WILLIAMS HOUSING  
COMPLEX.

12. TUITION WAIVERS FOR FACULTY CHILDREN

Complying with the Chairman's request, the President  
submitted a report indicating the extent of the University's  
participation to date in the Reciprocal Tuition Agreement  
for Faculty Children in New England States which was imple-  
mented by the New England state universities (Vermont excepted)  
in 1965.

Further consideration of this matter was postponed pending  
review of recommendations made by Peat, Marwick, Mitchell and  
Company in their recently completed faculty compensation study.